



# Worley Colombia

Overview

2024

Worley is a leading global provider of professional project and asset services in the energy, chemicals and resources sectors

We are Australia's largest exporter of knowledge-based services. We leverage this position to support our customers, bringing innovative solutions to solve challenges anywhere in the world.

## More than engineering

Industry leaders in health, safety and environmental performance



Supporting innovation on a global scale



Fast adapting to the digital revolution



Key player in the New Energy transition



**+51,000**  
People  
(Global)

**49**  
Countries



# LATAM OPERATIONS & MARKETS

Worley is an international company with a regional presence in Latin America working with the most important companies in each country and developing some of the most important projects in the region.

# LOCAL KNOWLEDGE WITH GLOBAL REACH

**+3100**  
Total resources



# Our best to your project

Worley has been in Colombia for more than 30 years providing consulting, environmental, procurement and construction management services, as well as its commitment to remain in Colombia and its reputation as a company, give our clients the confidence to continue counting on good local support. Since 1990, we have established a strong local presence, offering comprehensive project services. We are deeply rooted locally, with a long-term commitment that is reflected in our history.

- **ISO Certification**  
9001:2015, 14001:2015, 45001:2018
- **Broad experience in multi-office execution**
- **Full multidisciplinary team**  
Knowledge in local and international standards
- **Strategic Locations**  
Bogota, Colombia

**Conventional energy** 

**Low-carbon Energy** 

**Chemicals & Fuels** 

**Resources** 



**Full Capability** in Conceptual, Basic & Detail Engineering and Cost Estimate



**1,750,000+** working hours in MSA Engineering OSD's experience in the last 5 years



Over **1,050 Industry projects** throughout 60 years for Colombian and international customers.



Full Scope Capability in **EPCM Projects** in Hydrocarbons, Energy, Mining, Chemical and Infrastructure sectors



**58,000+** working hours in FEED projects over the last 2 years



**64,000+** working hours in one PMC Project since 2020



*"In Colombia, we have a multidisciplinary team of professionals who contribute their knowledge and experience, both nationally and internationally, to serve our clients in the development of projects in a consistent, timely, efficient, and profitable manner. Our high-quality work focuses on meeting and exceeding our clients' expectations."*



**Claudia Aparicio**  
Country manager



# Worley Colombia

## ECOPETROL



### MSA

Playing a key role in the supply of high and medium Complexity Engineering Solutions

Consulting for the development of high and medium complexity conceptual, basic and detailed engineering designs required by Ecopetrol, its business group and/or by the companies in which Ecopetrol has participation, for the 2017, 2018, 2019 and 2020 periods. 1,630,000 work hours in conceptual, basic, and detailed engineering designs, and field engineering offices and studies work.



### FEED Engineering

Collaborating in the production of a better product for a cleaner

Development Of the basic engineering feed for the sox emission control project of the sulfur plants of the grb of the central hub Of 5.A's vice-presidency Of projects and drilling.

## CENIT



### MSA - CENIT

MSA - cenit Building on our long-standing relationship in the Oil & Gas industry with great results

Conceptual, basic and detailed engineering development services, studies, analysis and technical assistance for designs.

## TERMO CALNDELARIA



### OE Cycle Conversion/ PM C Cycle Conversion - TermoCandelaria

Applying our experience in changes we have been part of in the power generation and distribution sector

Structuring of the epc technical specification, evaluation recommendation of the epc company for the OCgt-CCgt conversion project project management service for the conversion from Simple Cycle to combined of the termocandelaria plant

## PROJECT DETAILS

### 1 Bolivar

- Reficar MSA 2018 – 2019
- Promigas OE – Project 100 MMPCD 2017 – 2019
- Promigas MSA LNG 2022 - 2024
- SPEC MSA LNG 2022 – 2024
- SPEC Cartagena LNG 2015 -2016
- Termocandelaria OE Cycle Conversion 2018 - 2019
- Termocandelaria PMC Cycle Conversion 2022 – 2022
- Esenttia MSA 2022 – 2027
- NPK Plant Expansion Project 2022
- YARA NPK Plant Expansion Project 2022

### 2 Cordoba

- South 32 Debottlenecking Project 2018

### 3 Boyaca

- Mansarovar MSA Retie 2021 - 2022



Bogota  
• Offices

### 4 Santander

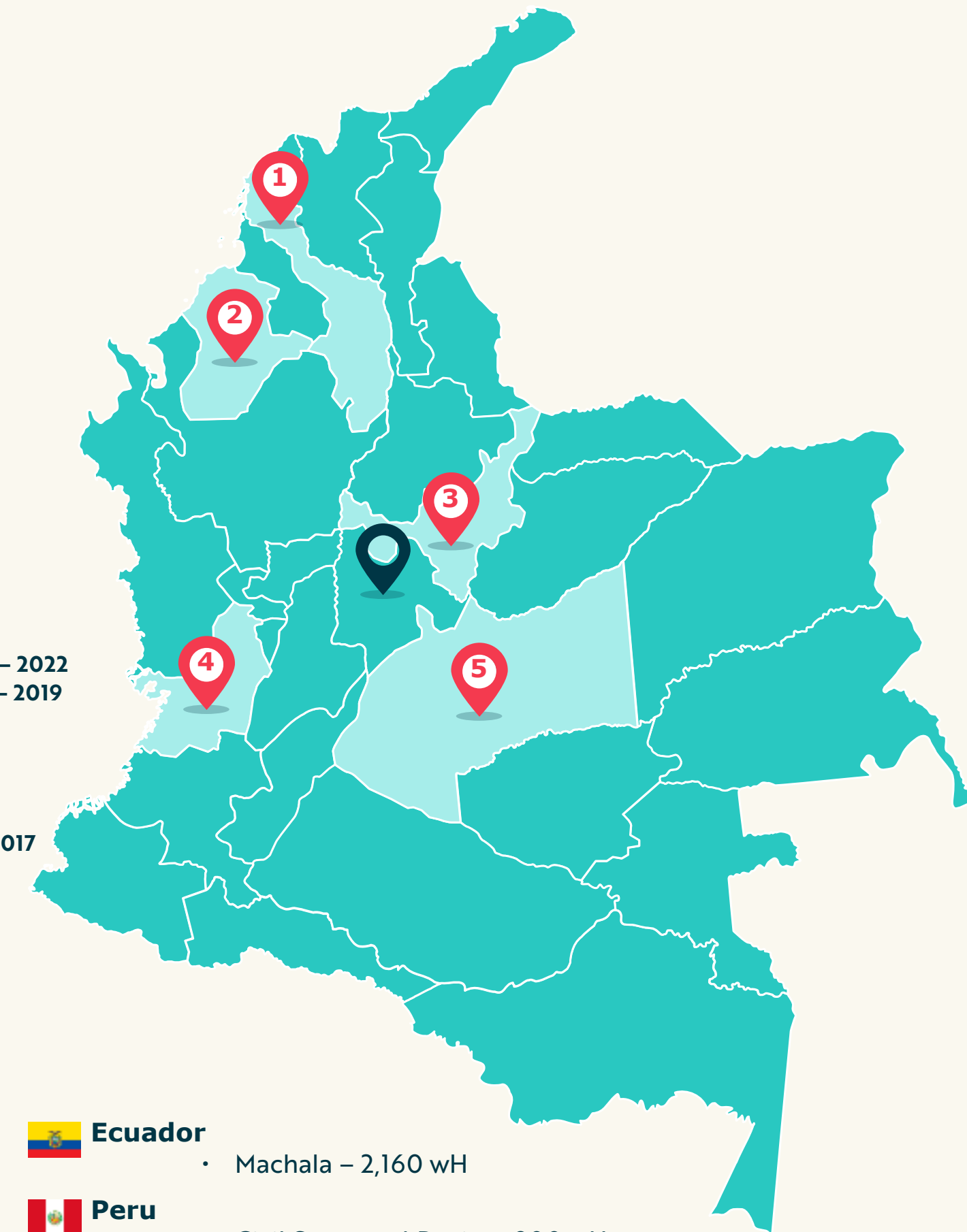
- Ecopetrol FEED SOx 2021 – 2022
- FS Soto Norte Project 2017- 2020

### 5 Meta

- Frontera MSA Llanos & ONG 2021 – 2022
- Frontera MSA Quifa & Cajua 2017 – 2019
- Frontera MSA PMG 2017
- PAD 3 Quifa 2017-2018

### 6 Valle del Cauca

- Sucroal CE New Plant Citric Acid 2017



## WORKSHARE PROJECTS

### Canada

- Nexen – 1,080 wH
- Grounbirch – 6,500 wH
- Chevron – 35,000 wH
- Feed – Costayaco Facility Expansion (GT) – 14,200 wH
- Well Pad QQ - FEED & Detailed (Devon) – 3,200 wH
- Puerto Bahia – 2,089 wH
- MSA Shell 4,700 wH
- CNRL DDA3 – 10,300 wH
- Carbon Capture, Utilization & Sequestration- CRC– 40,000 wH
- Precursors & Cathode Active Materials - Umicore -140,000 wH

### USA

- Esmeraldas Project – Basic Eng. (Petroecuador) – 14,400 wH
- INI4 – Eng. quality revisions (Tabuco / Huastecal) – 5,224 wH
- LNG to Power Project (Martano) – 2,089 wH
- Cartagena LNG (SPEC) – 10,800 wH
- Support to Worley Consulting– 1,650 wH
- Baton Rouge – 15,000 wH
- Ring Fence Chevron: 32,000 wH
- Shell Met Appomattox Dover – 5.500 wH
- Multiple projects: 32,000 wH

### Ecuador

- Machala – 2,160 wH

### Peru

- Civil Structural Design- 800 wH

### Chile

- BHP - MSA ESCONDIDA– 3,600 wH
- Centinela– MSA – 4,200 wH
- AAS-DE Perez Caldera Tailings ) – 1,800 wH
- Other projects – 57,000 wH

### Brazil

- Micro hydro projects (Talasa) – 6,268 wH

### Spain

- Environmental, social, and health impact assessment (ESHIA) for seabed sampling block 4 (Repsol) – 1,440 wH

### China

- Colombian 300mw coal-fired power (China united Engineer Corporation) – 540 wH

## Finding the answers

So, how do complex heavy industrials slash their carbon intensity over the coming years? It's possible, but it's going to take technologies from many different sectors. No one has all the answers today, but we have a responsibility to find them in partnership with our customers.



Next  
steps

How can we  
collaborate for  
mutual benefit?



[worley.com](https://www.worley.com)